

19990816.qrp v01\_n550.qrl.990816

Date: Mon, 16 Aug 1999 19:03:09 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1550

QRP-L Digest 1550

Topics covered in this issue include:

- 1) [47596] FS: QRP stuff  
by Dave Redfearn <n4elm@texoma.net>
- 2) [47597] Re: Q: CMOS Super Keyer 2  
by "M. Monninger" <markem@primenet.com>
- 3) [47598] searching qrp archives  
by Michael Bower <bowerm@ix.netcom.com>
- 4) [47599] old handbooks  
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 5) [47600] dual rhomboid update  
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 6) [47601] lost mail ??  
by Art38M@aol.com
- 7) [47602] QRP RIG  
by Robert P Engelman <rengelwb8uoj@juno.com>
- 8) [47603] Re: Q: CMOS Super Keyer 2  
by Roger Hightower <n7kt@earthlink.net>
- 9) [47604] For Sale tac1 40m  
by paul taylor <ptay1@bestweb.net>
- 10) [47605] Re: Q, Tuner losses  
by Robert L Kellogg <ae4ic@nr.infi.net>
- 11) [47606] Re: Wanted to buy  
by Robert L Kellogg <ae4ic@nr.infi.net>
- 12) [47607] Vegetable rubber bands !  
by waltek8cv@juno.com
- 13) [47608] Re: Station/Tower Grounding!  
by waltek8cv@juno.com
- 14) [47609] W1RFI/0  
by Arthur Moe <kb7ww@chatusa.com>
- 15) [47610] WTB Astatic D-104  
by "The One and Only!" <mitch96@pobox.com>
- 16) [47611] Minicircuits Group Buy ADE-1  
by "Gene Hall" <evhall@ix.netcom.com>
- 17) [47612] She's ALIVE!...Sort of...oops..  
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
- 18) [47613] wire rope ant... what is happening????  
by hamjoel@juno.com
- 19) [47614] FS: Unfinished KnightSMiTE kit

- by Dave Redfearn <n4elm@texoma.net>
- 20) [47615] O.T.: Living 90 years. right on Nils  
by S LYON <sslyon@worldnet.att.net>
- 21) [47616] Vectronics QRP Kits  
by charles k brown <n4so@juno.com>
- 22) [47617] Swan User's group/info on Astro  
by charles k brown <n4so@juno.com>
- 23) [47618] Re:Antenna tuners  
by RangerSF5@aol.com
- 24) [47619] Xtals  
by "Jerry W. O'Dell" <jwodell@ameritech.net>
- 25) [47620] RS 63-970 WWVB Clock on sale  
by Peter\_Simpson@ne.3com.com
- 26) [47621] Somethinf new, something old K2/TT2  
by "Rod Cerkoney" <rcw@frii.com>
- 27) [47622] Re: ua3lj/qrp  
by Elekktron1@aol.com
- 28) [47623] NM ARRL State Hamfest Reminder, August 21 & 22  
by jaywa5whn@juno.com
- 29) [47624] Radio Shack clock number???
- by tbowman@nbn.net
- 30) [47625] FS RS ITEMS  
by RangerSF5@aol.com
- 31) [47626] RE: Radio Shack clock number???
- by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 32) [47627] G5RV and 1946 antenna book  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 33) [47628] TI-92 ham software - looking for  
by n5ib@juno.com
- 34) [47629] NM ARRL State Hamfest reminder  
by jaywa5whn@juno.com
- 35) [47630] WOW! /BB photos are nice!  
by Ed Loranger <loranger@sr.hp.com>
- 36) [47631] QRP newbie  
by "Dan W. Dooley" <dandooley@pipeline.com>
- 37) [47632] WW2 aircraft Radios  
by notajock@juno.com
- 38) [47633] QRP Yosemite trip: story and pix!!  
by Allan G Taylor <k7gt@arrl.net>
- 39) [47634] Help Wanted with Meter #2...no more!  
by Wb4jjj@aol.com
- 40) [47635] Feedline Measurements- Computer Ribbon line.  
by Ed Loranger <we6w@qsl.net>
- 41) [47636] TAC Award Received  
by Ken Newman <N2CQ@citnet.com>
- 42) [47637] 20/40 qrp rig wanted  
by Lamborn@onlinecol.com
- 43) [47638] Question Re Dial Cords

by Joseph Mikuckis <k3chp@erols.com>  
44) [47639] 20/40 qrp rig wanted  
by Lamborn@onlinecol.com  
45) [47640] QRP RIG  
by Robert P Engelman <rengelwb8uoj@juno.com>  
46) [47641] Re: Question Re Dial Cords  
by "Mike Yetsko" <myetsko@insydesw.com>  
47) [47642] Re: WW2 aircraft Radios  
by "George T. Baker" <w5yr@swbell.net>  
48) [47643] Alaska Trip (Long) - Suggest 75 mtrs Re: 20/40 qrp rig wanted  
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
49) [47644] Re: Question Re Dial Cords  
by guillotstutoring@juno.com  
50) [47645] Command Set Stuff  
by "Cam Hartford" <camqrp@cyberg8t.com>  
51) [47646] Jim Cates Has New Email, NorCal Cap Kits Update  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
52) [47647] Things that QRPers tell me.  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
53) [47648] RE: Command Set Stuff  
by "Michael A. Gipe" <mgipe@reliablemeters.com>  
54) [47649] Re: Things that QRPers tell me.  
by "Joe Spencer" <KK5NA@quadj.com>  
55) [47650] Re: Command Set Stuff  
by Bill Jones <kd7s@psnw.com>  
56) [47651] Hand key for sale on e-bay  
by Bill Jones <kd7s@psnw.com>  
57) [47652] wtb D104  
by "The One and Only!" <mitch96@pobox.com>  
58) [47653] FOX: Team Looking for 1 more Member  
by "L. Jeffrey Hetherington" <jeff@systems95.com>  
59) [47654] Re: Things that QRPers tell me.  
by wd4et@juno.com  
60) [47655] Re: WW2 aircraft Radios  
by George F Franklin <w0av@juno.com>  
61) [47656] Re: WWVB Clock on Sale  
by "Brad Hernlem" <alihernlem@hotmail.com>  
62) [47657] Good life...  
by Larry East <w1hue@amsat.org>  
63) [47658] Re: Command Set Stuff  
by Bob Nielsen <nielsen@primenet.com>

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Date: Sun, 15 Aug 1999 18:04:26 -0500  
From: Dave Redfearn <n4elm@texoma.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [47596] FS: QRP stuff

Message-ID: <37B7477A.4706F219@texoma.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

QRP Stuff For Sale:

Wilderness SST-20  
With extra VXO crystal, MV-209, and ABX mod parts (not installed)  
Covers 14.013 - 14.051 Mhz with two VXO crystals  
About 1.5 watts output.

\$ 90.00 OBO + shipping

LDG AT-11 Automatic antenna tuner  
With V2.4 upgrades, manuals, and case  
Tunes from about 2 watts up, works great

\$175.00 OBO + shipping

Standard C508 dual band handi-talkie  
2M/440 transmit, wide coverage receive (no mods)  
About 200 milliwatts output  
With original rubber duck and manual, no box

\$175.00 OBO + shipping

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Sun, 15 Aug 1999 16:05:41 -0700  
From: "M. Monninger" <markem@primenet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [47597] Re: Q: CMOS Super Keyer 2  
Message-ID: <3.0.6.32.19990815160541.0087e350@pop.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Marv's right...it's in the 1995 Handbook on page 22.25. If you can't find

it anywhere else, I can scan it and email it to you. Lemme know...

73... Mark AA7TA

At 03:36 PM 8/15/99 -0700, Marv Fagenson wrote:

>Jamie: ARRL handbook early 90s have a piece on CMOS 2. cant help u w/  
>exact edition sorry.

>Marv Fagenson

>k6hcyj@Juno.com

-----  
Date: Sun, 15 Aug 1999 19:52:34 -0400  
From: Michael Bower <bowerm@ix.netcom.com>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [47598] searching qrp archives  
Message-ID: <37B752C2.2FF29CE8@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Can someone tell me how one searches the QRP-L archives? (There were some discussions a while back about the SLV and the SD-20. I'm trying to find sources for the SD-20 for building an SLV.)

TIA

Michael - N4NMR

-----  
Date: Sun, 15 Aug 1999 07:52:40 -0400  
From: "Jerry W. O'Dell" <jwodel@ameritech.net>  
To: qrp-l@lehigh.edu  
Subject: [47599] old handbooks  
Message-ID: <19990815235327.IADP111111.mailhost.det.ameritech.net@default>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Somehow I think it would be nice for some of you (sigh, even me) to collect some old ARRL handbooks, to be distributed at cost.

I say this because I find that, frequently, something I want in an old handbook is much better than what's in the new issue,

and, apart from some very good libraries, they're just unavailable.

I think now of my 1964 handbook, and my 1953 handbook.  
Invaluable documents.

I know that people sell them, and nothing wrong with that, but  
if I had some old ones, I'd be glad to contribute them free.

Another dumb idea from the pen of

73 jerry w8gnd

-----  
Date: Sun, 15 Aug 1999 20:29:05 -0400 (EDT)  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com,  
antennas@qth.net, antennaware@contesting.com  
Subject: [47600] dual rhomboid update  
Message-ID: <Pine.GSO.4.10.9908152027280.22263-100000@larry.cas.utk.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have added two additional notes to the dual rhomboid collection--one on  
versions "closer" to the Laport dimensions and the other on standard of  
comparison for the dual rhomboid. I hope they are useful to those  
interested in this antenna.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	Tel: (423) 938-6335
1434 High Mesa Drive	/	\	\	----	\	---	<a href="http://web.utk.edu/~cebik/radio.html">http://web.utk.edu/</a>
Knoxville, Tennessee	/\	\	\	/	/		~cebik/radio.html
37938-4443 USA	/	\	\	\			e-mail: cebik@utk.edu

-----  
Date: Sun, 15 Aug 1999 20:30:39 EDT  
From: Art38M@aol.com  
To: qrp-l@lehigh.edu  
Subject: [47601] lost mail ??

Message-ID: <bca91c4d.24e8b5af@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Are any other AOL subscribers to qrp-l loosing QRP-L mail as I am, and has anyone contacted AOL, Please advise,  
tks, 73 Art w1fji

-----  
Date: Sun, 15 Aug 1999 20:39:12 -0700  
From: Robert P Engelman <rengelwb8uoj@juno.com>  
To: qrp-l@lehigh.EDU  
Subject: [47602] QRP RIG  
Message-ID: <19990815.203914.-249007.3.rengelwb8uoj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I want to say once again thanks to all who responded to my pleas for help. I got the articles from Phil, W70X and they were what I needed to get the rig straightened out.

As suggested, I've moved the antenna. It's now over the house inverted V. The BFO problem that I had was due to incorrect adjustment procedure that QST straitened out for me. XCVR offset seems to be dead on now. Another problem that I didn't know that I had was the cheapo "Pace" SWR meter for Chicken Band haint no gud. Borrowed my dad's TS830 along with Heathkit wattmeter and found the SWR actually around 3.0 to 1 OUCH!. Fixed that by tossing some bucks at an antenna tuner (MFJ 945E) and it's got the SWR down to 1.1 to 1. I've got a solid 8 watts out to the antenna now, and should be able to work this rig some.

To all who responded to my postings, THANKS. I most assuredly couldn't have done this with out you all who tossed in hints and thoughts on my dilemma.

As a parting shot, is there any one who has used a Kenwood TS-830s at QRP levels?? how did you do it ? and most of all, did it harm the rig ??? It's not mine, yet.....

I'm gonna try to get the QRP rig on the air this evening, probably 9 pm - 11 pm EST around 7040 or so. If anyone hears me, let me know. I will

most definitely let you fine Gentlemen and Ladies know how this thing works out, if the Breed / 624 QRP rig is alive, or DOA

Thanks for a fine place to get the best ham info.

Bob WB8UOJ

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-----  
Date: Sun, 15 Aug 1999 17:47:12 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: markem@primenet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [47603] Re: Q: CMOS Super Keyer 2  
Message-ID: <37B6FD20.5902D0EB@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I have the schematic in the mail to him now. He already has the info on the grid block keying mod.

--

73, de Roger, N7KT  
qrp-l #62, NorCal #1099, Zombie #006  
Mesa, AZ 85202

-----  
Date: Sun, 15 Aug 1999 21:01:24 -0700  
From: paul taylor <ptay1@bestweb.net>  
To: qrp-L@Lehigh.edu  
Subject: [47604] For Sale tac1 40m  
Message-ID: <3.0.32.19990815210118.00689c50@bestweb.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

For sale Tac1 40m. with keyer. mint. Factory built. new \$365 sale \$250 + sh.  
paul taylor wb2gin

-----  
Date: Sun, 15 Aug 1999 20:25:26 -0700  
From: Robert L Kellogg <ae4ic@nr.infi.net>



To: bjk@ihug.co.nz  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [47605] Re: Q, Tuner losses  
Message-ID: <37B784A6.C466A5FB@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Guys,

There certainly is a limit to how small we can build a tuner for QRP, but the limit is far smaller than the Johnson Matchboxes.

The Emtech ZM-2 tuner can be held in one hand and will tune many conditions as efficiently as the Johnson 250 watt tuner. It will also cover a much broader range of Frequency/SWR combinations than either of the Johnson Matchboxes.

Although I have not tested it, I believe the tiny Rainbow tuner is pretty efficient.

Also, I might mention that the Johnson Kilowatt tuner has been tested along with the Johnson 250 watt tuner, and the smaller 250 was superior when all of the factors were considered. (See QST Articles by Frank Witt, AI1H, April, May, 1995) I'm presently duplicating these tests in a slightly different manner and will report the results to QRP-L.

barry kirkwood wrote:

> >Of course you are preaching to the choir where any QRO ham is  
> >concerned. QRO hams understand that there is a practical limit to how  
> >far you can miniaturize rigs.  
> >  
> >I have a Johnson 250 watt Matchbox which I think the world of. It works  
> >very well.  
> >The current crop of QRPers want everything to be small. They cannot  
> >understand why anything has to be large. It is their loss for not  
> >undersatnding the physics of electrons!  
  
> BTW if one looks back at the old time handbooks and QSTs (1930's) one sees  
> big coils and capacitors in tuners and qrp rigs: they were very conscious of  
> losses in those days.

They also had to design for much higher voltages than we do today.

The point being that larger may be, but is not necessarily more efficient. Larger means that connecting wires must be longer, therefore there may be more unwanted capacitance or inductance, for example.

CUL,  
Bob Kellogg, AE4IC Greensboro, NC  
Prolably, not nececelery. - Benny Hill

-----  
Date: Sun, 15 Aug 1999 20:45:53 -0700  
From: Robert L Kellogg <ae4ic@nr.infi.net>  
To: RangerSF5@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [47606] Re: Wanted to buy  
Message-ID: <37B78971.450D52FB@nr.infi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bob,

KANGA has a nice little metered SWR bridge called the "ONER" that sells for about \$35, I think. The board is 1" square, so the whole thing will go in a box about 2" X 2". They also have a nice little tuner kit called the "Super Tee" (don't know the price). These two items will build a small and efficient QRP tuner. The SWR meter, a variable inductor and a variable capacitor will build a great little tuner.

Emtech's ZM-2 is practically the standard QRP tuner. It costs about \$50, and it's only drawback is that the SWR indicator is an LED instead of a meter.

RangerSF5@aol.com wrote:

>  
> Hi Gang,  
> The first two items are for me.  
> I need a VERY SMALL qrp antenna tuner and a SMALL qrp SWR/WATT meter.  
> Is there a vendor that sells a qrp antenna tuner kits with a built in meter?..  
> I'm trying to keep my QRP station in QRP size.  
> =====

Hope this helps.

CUL,  
Bob Kellogg, AE4IC Greensboro, NC  
Prolably, not nececelery. - Benny Hill

-----  
Date: Mon, 16 Aug 1999 00:02:44 gmt  
From: waltk8cv@juno.com  
To: qrp-1@lehigh.edu  
Subject: [47607] Vegetable rubber bands !  
Message-ID: <19990816.000837.-179855.5.waltk8cv@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Well .....

They work on other rigs besides the K-2, neat ! Mine had some advertisement on them so I turned them inside out. Worked on a TS-50S and my OHR-500 tuning knob. Along with the K-2 knob!

Thanks to John AC6SL for this idea .....

Rubber Grip for Main Tuning Knob:  
I found a wide rubber band which fits nicely on the main tuning knob, giving a non-slip grip. This rubber band came from the vegetable section of the grocery store, from an artichoke or cauliflower. I'll keep looking for a green one, to match the display lights.

John AC6SL    jtn@te-cats.com

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Date: Sun, 15 Aug 1999 19:07:44 gmt  
From: waltk8cv@juno.com  
To: wa4dou@usa.net  
Cc: qrp-1@lehigh.edu  
Subject: [47608] Re: Station/Tower Grounding!  
Message-ID: <19990816.000837.-179855.3.waltk8cv@juno.com>

MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Roy:

Looks like you already have done something right ! No grounds in the concrete !! or under it!!

Make some kind of bracket attached to a leg and put a few ground rods around the tower ( a couple of feet away from the cement ) and connect them to the bracket, run as many radials out as you can and attach them to the bracket. DO NOT run a wire inside and attach to your inside ground system or the electrical or water pipe ground. Put a thick aluminum plate in a basement window and use coax feed through's. They are about 2 " long. Ground the plate to the OUTSIDE attachment on the tower. Now you can unscrew your feed lines from inside. The rotor cable and tower top coax switches cables go through the panel and have Jones plugs inside.

The station ground is a copper strip , drilled and tapped , and all rigs and stuff go to it. It is connected to the water pipe BEYOND the meter with a heavy ( maybe a #6 or bigger ) wire and also out through the wall ( near the station ) with a same big wire to 3 ground rods in a 3' triangle outside the house. The ac power is rigged up so you can pull plugs and disconnect the ac under the tables. The only thing left plugged in is the clocks ! I even unplug the computer when storms are in the area. Has worked SO FAR for me !! :-)

A direct hit ..... who knows , probably blow the junk all up !! But I have slept through some REAL bad storms.

Walt K8CV          Royal Oak, Mi. Qrp-L# 935          Zombie# 188          " We're just a  
small  
subgroup of an eclectic corner of a dying hobby "

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

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Date: Sun, 15 Aug 1999 17:14:31 -0700  
From: Arthur Moe <kb7ww@chatusa.com>  
To: qrp <qrp-l@lehigh.edu>  
Subject: [47609] W1RFI/0

Message-ID: <37B757E7.5250EF90@chatusa.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Ed can be found @ 7.0394 with the mighty TT2. QS0 @ 0115z

Art  
KB7WW

-----  
Date: Sun, 15 Aug 1999 21:29:54 -0400  
From: "The One and Only!" <mitch96@pobox.com>  
To: TEN TEC LIST <tentec@contesting.com>  
Cc: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [47610] WTB Astatic D-104  
Message-ID: <37B76992.718D3AF0@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Looking for a D-104 to go with my birthday toy omni c. Any spares out there???

--  
73, mitch ww4ml  
lost in the ethers again..

-----  
Date: Sun, 15 Aug 1999 21:48:31 -0400  
From: "Gene Hall" <evhall@ix.netcom.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Cc: <nn7ck@arrl.net>  
Subject: [47611] Minicircuits Group Buy ADE-1  
Message-ID: <000a01bee789\$741f59a0\$17aadccf@#evhall>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Today I sent an e-mail to all participants of the Minicircuits Group Buy that started via traffic on the QRP-L list.

If you were planning to purchase some Minicircuits Laboratories parts via

the group buy and did not receive today's note please e-mail me direct right away.

TNX es 72/73 ... Gene ... NN7CK ... nntck@arrl.net  
... Louisville, KY

-----  
Date: Sun, 15 Aug 1999 21:59:30 -0500  
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>  
To: qrp-l@lehigh.edu  
Subject: [47612] She's ALIVE!...Sort of...oops..  
Message-ID: <DCJBBOJLEEPDOAAA@shared1-mail.whowhere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Fellow QRP'ers,

After much trial and tribulation in troubleshooting my hitherto non-working OHR-400, I discovered a metal trace which was open and preventing the thing from transmitting. I fixed the trace with a short jumper and voila! we now have power out on all bands except 20M (that is a separate problem to be dealt with...) Anyway, I ran through the alignment procedure and jumped on 30M this afternoon and started calling CQ...and calling...and calling... and calling. No answer. NADA. Funny, when I run 5W from my IC740 everyone hears me. What's up?, I say... Well, after having called CQ for 20 minutes with no reply on several different frequencies I discovered that somehow I had screwed up the portion of the alignment which ensures that you are listening to the same frequency you transmit on! It turns out there was around a 2 Khz discrepancy.

So, if you anyone out there tried to answer me, and I didn't here you, no it was not your antenna. And to anyone on whose qso I jumped unknowingly, please accept my apologies.

Tomorrow, I hope to get back to the rig and fix the alignment, then make the "inaugural" qso with someone on 30 or 40. Then get to fixing the yet undiagnosed 20-meter problem (20 is my favorite band.)

Enough of my rambling. I haven't been this exited in a while. This will be my first QRP kit and it's almost there! Almost...

73,

Joel NF9K

---

Joel Kluender, NF9K  
870 Prairie Street S.  
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

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<http://www.eudoramail.com>

-----

Date: Sun, 15 Aug 1999 23:15:13 -0400  
From: hamjoel@juno.com  
To: qrp-l@lehigh.edu  
Subject: [47613] wire rope ant... what is happening????  
Message-ID: <19990815.231605.-271903.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

hi guys"

hi gals"

I need someone who kneauxs what's what to explain the situation to me if  
they have the time or inclination...

I put up my forty meter antenna: Horozontal yagi

driven element 66ft 5" voltage fed at one end with 300 ohm twin lead

director 62" 5"

antenna up 40+ feet Element Spacing is 14ft

The thing seems to work just as well on twenty meters as my three element  
wire yagi which is cut for twenty meters...

why would the forty meter antenna want to work on 20???

My cajun mama is offering some crawfish stew if I can find out the  
reason... so won't someone help this cajun lad get some crawfish???

Joel KE1LA

In Maine

-----  
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-----  
Date: Sun, 15 Aug 1999 22:28:28 -0500  
From: Dave Redfearn <n4elm@texoma.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [47614] FS: Unfinished KnightSMiTE kit  
Message-ID: <37B7855C.136CF723@texoma.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

While unpacking some boxes from moving last year, I found the KnightSMiTE kit  
I started but never finished.

I soldered about 5 parts on the board, the rest are still on the layout sheet.

\$25.00 and you can finish it up and have a very small PIXIE type transceiver on 3.686 Mhz.

(Chuck doesn't even have one of these!)

73 - Dave

=====  
Dave Redfearn, ARS N4ELM, McKinney, TX  
Email: n4elm@NOJUNKtexoma.net (to reply, remove NOJUNK)  
QRL? de N4ELM/qrp

-----  
Date: Sun, 15 Aug 1999 23:43:31 -0400  
From: S LYON <sslyon@worldnet.att.net>  
To: qrp chat <qrp-l@Lehigh.EDU>  
Subject: [47615] O.T.: Living 90 years. right on Nils  
Message-ID: <37B788E3.DA3DC57F@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Nils R Young wrote:

>  
> Gagne,



>  
> Cindy's grandmother, Edna Davis, celebrated her 90th birthday with us  
>  
> Now I don't know if you think about this much, but think of all the  
> things that Grandma's seen in 90 years of living.....  
> And in every cell of your body there's a molecule that knows how to  
> repair itself.  
>  
>  
> Livin' 90 years ain't easy, I'd say from what Grandma said. But it ain't  
> no less a miracle.

Yep... My Dad and Mom were born in the "nineteen-oughts", Dad on farm,  
Mom a city chick. We had opportunities to talk about things like Nils  
and  
his Gram did. Interesting, the differences/similarities of their views.  
Both were facinated by the new STUFF as it came along, but for very  
different reasons because of their different circumstances. An aspect of  
what they were both saying is haunting me still.. that they were the  
first generation of humans to harness and utilize an heretofore  
mysterious force of nature, electricity.

Seems that electicity in all it's myriad applications was the catalyst  
that enabled, propagated, -democratized the single most important  
development of this millenium: the Scientific Method. That Method took  
"the source of all wisdom and knowledge" from the merely rich and  
powerful and placed at the disposal of anyone who could get educated  
enough to apply it. Electricity provided the great leap forward that  
ensured that the Genie was irreversibly out of the bottle and ever  
since, classical dictatorships have been on the decline.

Mom and Dad, each in their own way, knew or at least felt the then/now  
difference. I've been struggling with a notion of what seems to be a  
genie that threatens to be the dictatorship of the new millenium. That  
is the absolute control of the communication/information applications of  
electricity by fewer and larger corporations who, having been granted  
the  
status and rights of persons, citizens, exercise megabuck-powered  
"free speech" to the exclusion of us maybe soon-to-be-again... serfs.

-but this sullies the beauty of Nils's reflections and I sure don't  
want to do that. Instead, I really want to thank Nils and the other  
folks who do take the time to step back and ponder the fabric upon which  
we're all embroidered. What a marvelous tapestry it has grown to be.

73

-s-

--

'Seab' Lyon - AA1MY  
Beacon NY USA FN-31  
QRP-L 574 ARCI 9253

-----  
Date: Mon, 16 Aug 1999 01:23:43 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [47616] Vectronics QRP Kits  
Message-ID: <19990816.052001.4455.5.n4so@juno.com>

Vectronics QRP Kits  
1-800-363-2922  
1007 Highway 25 South  
Starkville, MS 39759  
QRP Receiver and transmitter kits for 20, 30, 40, 80 meters, more. VEC  
1220K, 1230K, 1240K, 1280K  
Ref. CQ Amateur Radio magazine May 1999 p. 60-62.

vectron.txt  
nnnn

-----  
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-----  
Date: Mon, 16 Aug 1999 01:23:43 EDT  
From: charles k brown <n4so@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [47617] Swan User's group/info on Astro  
Message-ID: <19990816.052001.4455.1.n4so@juno.com>

Swan is out of business but they are reported to have a  
meeting of Swan users. Swan sold the Astro 150 circa  
1979 and advertised in QST.  
Send me a note if you want the text file -- it is quite large.  
Ask for swan.txt

Ken Brown, N4SO  
QTH nr Mobile, AL/ EM50tk  
qrp-l #622  
n4so@juno.com

-----  
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-----  
Date: Mon, 16 Aug 1999 02:25:08 EDT  
From: RangerSF5@aol.com  
To: QRP-L@lehigh.edu  
Subject: [47618] Re:Antenna tuners  
Message-ID: <ce01f9c5.24e908c4@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Many thanks to all who responded with input on qrp antenna tuners.  
It looks like most favor the ZM-2 so thats what i'm getting.  
Thanks for all you'r help  
Bob  
WA2HOQrp <tm>

-----  
Date: Sun, 15 Aug 1999 18:41:29 -0400  
From: "Jerry W. O'Dell" <jwodell@ameritech.net>  
To: qrp-l@lehigh.edu  
Subject: [47619] Xtals  
Message-ID: <19990816104217.IJUQ11111.mailhost.det.ameritech.net@default>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Trying to restore a Harvey Wells -- need 80 meter xtals.

Where did all the FT243's of my youth go? Thousands,  
and thousands, and thousands.

I know this is a bit off topic, but not much. That thing was  
lucky to put out 15 watts.

Private e-mail to save bw.

73 jerry w8gnd

-----  
Date: Mon, 16 Aug 1999 07:18:00 -0400  
From: Peter\_Simpson@ne.3com.com  
To: qrp-1@lehigh.edu  
Subject: [47620] RS 63-970 WWVB Clock on sale  
Message-ID: <852567CF.003DB758.00@usboxmta.ne.3com.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

I stopped into my local Radio Shack this weekend, and discovered that the above-named clock is on sale for \$30 (down from \$50) 'till the end of August.

Before you run out and buy one, recall that this clock has only the US time zones and no 24 hour mode. Still, it's neat to see it set to the exact time.

It has been documented elsewhere, that the "antenna" is actually a complete WWVB receiver with digital data out and running off 3V. So, you may want to buy one to use and one to hack with :-)

72,  
Peter, KA1AXY

-----  
Date: Mon, 16 Aug 1999 07:25:15 -0600  
From: "Rod Cerkoney" <rwc@frii.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [47621] Somethinf new, something old K2/TT2  
Message-ID: <00f101bee7ea\$d21e09a0\$328711d8@compaq>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Folks:

I made the drive down to Golden last evening to meet up with Ed and TT2. What fun. Found Ed in the corner of Jefferson County Fair Grounds:

Inverted-V lashed to a fence. Tuner, Binoral RX, and \_THE\_ TT2 stacked on a picnic cooler.

After we chatted a bit Ed suggested I OP for while, this was nice because in mid June I worked Ed back in CN, 229 both ways. So--we put my K2 into the setup to be used as the RX. I called CQ several times, ...CQ NØRC/TT2..., but no takers. Then Ed took over, and with my K2 still doing RX duties Ed worked a number of QRP-Lers: Doc, KØEVZ (nice sig, as always, Doc!); John, NØHJ; Rich, WØHEP...stand out in my mind at the moment.

What fun, it was really neat seeing the mix of old and new technology. The TT2 representing the first pioneering step of QRP operations, and the K2 a new milestone in the state of the [QRP] art.

Thank you Ed for a great time and a chance to operate the TT2, can't say when I had a more enjoyable time.

---

72/3 Rod, NØRC  
da di dah

-----  
Date: Mon, 16 Aug 1999 09:36:26 EDT  
From: Elekktron1@aol.com  
To: af852@rgfn.epcc.edu, qrp-1@lehigh.edu  
Subject: [47622] Re: ua3lj/qrp  
Message-ID: <c9816e45.24e96dda@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Worked him with 5 watts on a Yaesu FT-7 into a homemade dipole...I was sending with a bug...it was fun...he was very readable here into Southeast Texas....de KK5WL...

-----  
Date: Mon, 16 Aug 1999 08:40:30 -0600  
From: jaywa5whn@juno.com  
To: qrp-1@lehigh.edu  
Subject: [47623] NM ARRL State Hamfest Reminder, August 21 & 22  
Message-ID: <19990816.084035.-433403.0.jaywa5whn@juno.com>

MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Duke City Hamfest {New Mexico ARRL State Hamfest} is this coming weekend.

<http://www.qsl.net/dchf/>

For repeater maps;

<http://www.swcp.com/~n5zgt/>

Attendance is normally around 800 to 1,000 people. Warning: it's the monsoon season here.

Directions: Take I-25 north out of Albuquerque to Exit #242 {Placitas, Highway 44}, proceed 8 miles west on highway 44 to the NM Army National Guard {ADA, Hawk Missile Battery} Armory, which is .75 mile south of highway 44 @ mile marker #8.

For those who are GPS enabled, the turn off, heading south from Highway 44, is at the following WGS-84 datum;

35 degrees 22.322 minutes N  
106 degrees 38.075 minutes W

(within 66 feet)

The Hamfest talk in will be on the 147.06 MHz repeater {pl 100 Hz, +600 KHz offset, on top of Sandia Crest, WA5IHL/rptr}.

If you need any info about the hamfest, contact [kc5nzt@arrl.net](mailto:kc5nzt@arrl.net) or [k5bis@aol.com](mailto:k5bis@aol.com), not me.

The mountains 22 miles north, as the crow flies, of the Armory are the Jemez {pronounced "hey - mez"} Mountains, which is part of the Santa Fe National Forest, and it includes the "Valle Grande" {old extinct volcano}, Jemez Hot Springs, too many hiking trails & lots of camping areas. If you are interested in hiking & camping, after visiting the hamfest, contact the Jemez Ranger Station, in Jemez Springs, NM, phone: 505.829.3535 for more info.

72...Jay, WA5WHN {monitoring 146.42 MHz FM simplex @ the Hamfest}.

-----  
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-----  
Date: Mon, 16 Aug 1999 11:34:10 -0400  
From: tbowman@nbn.net  
To: <qrp-1@lehigh.edu>  
Subject: [47624] Radio Shack clock number???  
Message-ID: <002201034151089NBN2@nbn2.nbn.net>

Could someone give me the number of the RS clock on sale for \$30 or so  
that updates itself from WWVB.

Thanks,  
Tom, WA3REY

-----  
Date: Mon, 16 Aug 1999 11:25:22 EDT  
From: RangerSF5@aol.com  
To: qrp-1@lehigh.edu  
Subject: [47625] FS RS ITEMS  
Message-ID: <54ac59a9.24e98762@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Gang,I have an RS DSP unit for sale \$30.00 + shipping.  
RS Digital SWR and WATT meter .....\$35.00 + shipping  
Bob  
WA2HOQrp <tm>

-----  
Date: Mon, 16 Aug 1999 10:57:43 -0500  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

To: <tbowman@nbn.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [47626] RE: Radio Shack clock number???  
Message-ID: <000001bee800\$13c73920\$ef5d6f81@uthscsa.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

63-970

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU  
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> tbowman@nbn.net  
> Sent: Monday, August 16, 1999 10:34 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: Radio Shack clock number???  
>  
>  
> Could someone give me the number of the RS clock on sale for \$30 or so  
> that updates itself from WWVB.  
>  
> Thanks,  
> Tom, WA3REY  
>  
>

-----  
Date: Mon, 16 Aug 1999 11:34:51 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [47627] G5RV and 1946 antenna book  
Message-ID: <199908161617.MAA26362@moose.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Howdy,

Well, both the experts and experimentation prove that a 1/2 sized G5RV works on 20 without a tuner, but needs one for any other band. So, my idea of having a 40/20 G5RV without a tuner is not possible.

So, dug up the 1946 ARRL antenna book I happen to have and looked through it for ideas. Some interesting stuff, although you'll still



find some of it, word for word, in the latest antenna books!

Boy, they were big into ladder line back then! The section on link coupled antenna tuners was interesting too.

I was taken by one statement made, "It is not possible to have a multiband antenna without a tuned feed line" or words to that effect. This is assuming a single wire top hat.

One exception is a 1/2 wave wire feed 1/3d from the end with a single wire. This works well on all harmonics, but has problems since it's unbalanced and doesn't work well over rocky or sandy soil.

Looks like I have two options, if I don't want to feed the antenna all the way with coax.

One is to have a 1/2 wave top hat on 40 and feed with 1/2 wave of twinlead. On 40, the twin lead can be connected direct to the coax, although I'm sure a choke on the coax, or 1:1 balun would be a help.

On 20, a tuner will be needed to voltage feed the twin lead. Or another section of twin lead connected to feed at a current maximum point.

Option 2 is to have a 40M 1/2 wave and 20M 1/2 wave top hat and feed with 40M 1/2 wave length of twin lead. Now I should be able to feed the twin lead with coax and not need a tuner for either band. Think I'll give this a shot.

72,

Steve, KD1JV in the white Mountains of New Hampshire  
"melt solder"

-----  
Date: Mon, 16 Aug 1999 12:24:28 EDT  
From: n5ib@juno.com  
To: qrp-l@Lehigh.edu  
Subject: [47628] TI-92 ham software - looking for  
Message-ID: <19990816.111458.4727.0.N5IB@juno.com>

I've just come into a TI-92 "calculator." Don't have a user manual yet but that's taken care of. I was wondering what ham software might be out there for it. A quick web search didn't turn up much of anything. In particular - GC distance/bearing, grid squares, perhaps log/dupe check, etc.

A nudge in the right direction (or gentle kick in ..... ) to useful

resources would be appreciated.

72,  
Jim N5IB

---

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---

Date: Mon, 16 Aug 1999 10:39:12 -0600  
From: jaywa5whn@juno.com  
To: qrp-1@lehigh.edu  
Subject: [47629] NM ARRL State Hamfest reminder  
Message-ID: <19990816.103913.-248035.1.jaywa5whn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

One correction;

The turn off, south to the Armory, is 6 miles west of the intersection of  
NM Highway 44 & I-25 {exit 242}, on NM Highway 44.

Those of you who are APRS enabled, just watch your screen.

Any questions? Email [kc5nzt@arrl.net](mailto:kc5nzt@arrl.net) or [k5bis@aol.com](mailto:k5bis@aol.com).

72...Jay, WA5WHN DM65qd Albuquerque, NM USA

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---

Date: Mon, 16 Aug 1999 09:52:20 -0700 (PDT)  
From: Ed Loranger <[loranger@sr.hp.com](mailto:loranger@sr.hp.com)>  
To: qrp-1@lehigh.edu

Subject: [47630] WOW! /BB photos are nice!  
Message-ID: <199908161652.JAA09450@ooringer.sr.hp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang, Russ did a great job installing our Yosemite adventure story as a supplement to the ARS Sojourner August issue.

The photos are fantastic. Here's the direct link:

[http://www.natworld.com/ars/pages/back\\_issues/0899\\_text/yosemite.html](http://www.natworld.com/ars/pages/back_issues/0899_text/yosemite.html)

Wow! 72/Ed we6w

--

-Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

-----

Date: Mon, 16 Aug 1999 12:14:14 -0500  
From: "Dan W. Dooley" <dandooley@pipeline.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [47631] QRP newbie  
Message-ID: <000501bee80a\$c3c66a30\$04987b7b@dooleydw>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

This is my first posting to this list. I looked back in some previous archives but could find nothing (in my quick search) quite covering my questions. Sorry if this is old stuff.

I travel often, by air, and spend nights in hotel rooms around the country. I want to get a small QRP cw only rig I can take with me. At this point my choices are to either build from scratch, or buy a kit. I am not at the point of making that decision yet, though time to build, plus easy access to parts, weight and size of equipment (I don't want to be lugging around a boatanchor), and reasonable performance in a small rig will be factors. Low power, since I will have to carry a power supply to power the rig.

I can not decide which band is my best choice (since most rigs are monobanders). It will be between 40, 30, or 20 meters. Most if not all of my operation will be evenings or night. In a hotel room, antenna size is a

factor. I would like to avoid having to carry an extra piece of equipment such as an antenna tuner, so my first thought is a center fed resonant dipole (coax fed). I will not attempt to try any outdoors mounting of the antenna. It must work from within the room.

So to summarize my needs:

1. Antenna size (band determined) loading coils or other methods of physically shortening.
2. Decent prospects for contacts (stateside or DX) at night with low power and compromised antenna.
3. Low power - under 5 watts.

Suggestions? Am I asking the impossible?

Dan WB5TKA

73 de Dan W. Dooley, WB5TKA  
e-mail to: dandoooley@pipeline.com

-----  
Date: Mon, 16 Aug 1999 13:17:52 -0400  
From: notajock@juno.com  
To: qrp-l@lehigh.edu  
Subject: [47632] WW2 aircraft Radios  
Message-ID: <19990816.131754.-86997.0.notajock@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Ha! That ought to grab your attention. Actually I just went out to the storage shed and looked at the plate. The unit I have is an ARC-5/Command set/BC348? that covers the freq band 5.3 to 7.000. My original use was to convert it to a vfo for a Central Electronics 10B. Then I thought to use the roller inductor and associated caps as an antenna tuner. Then I moved from Ill to Fla and now some 20 odd years later neither project is done.

As I recall, part of the problem is the milspec plug on the back of the unit

Bob WA9LSD

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-----

Date: Mon, 16 Aug 1999 10:20:00 -0700  
From: Allan G Taylor <k7gt@arrl.net>  
To: qrp-l@lehigh.edu, w1hijcw@aol.com  
Subject: [47633] QRP Yosemite trip: story and pix!!  
Message-ID: <37B84840.7573@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

For those who worked either Ed, WE6W, or myself in the Bumblebee event of late July or otherwise on our Yosemite QRP trip, a webpage is now available on the ARS Sojourner magazine site telling our tale. It is lengthy, being 8 pages, and has about 21 pictures.

As I am still on postpone (at least until December!!), I won't be receiving any posts to qrp-l. Please direct any questions or comments to me directly at either k7gt@qsl.net (home) or k7gt@arrl.net (work).

Thanks and 73! Allan K7GT

The URL is:

[http://www.natworld.com/ars/pages/back\\_issues/0899\\_text/yosemite.html](http://www.natworld.com/ars/pages/back_issues/0899_text/yosemite.html)

--

	/	
	/	
Allan Taylor K7GT	/Z  \	FISTS 3222 ARS 228
k7gt@arrl.net	/  /599  \	DXCC and WAS 40/cw
Pleasanton CA CM97aq	/_ /____ __\	<a href="http://www.qsl.net/k7gt">http://www.qsl.net/k7gt</a>
...QRO, QRP, or barefoot.....	[\-----/	

-----  
Date: Mon, 16 Aug 1999 13:54:45 EDT  
From: Wb4jjj@aol.com  
To: QRP-L@lehigh.edu

Subject: [47634] Help Wanted with Meter #2...no more!  
Message-ID: <553b46c8.24e9aa65@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Well, as the old saying goes, garbage in, garbage out.

Or, as I said when I rewired the bridge I'm building, nothing in, nothing out...or indicated on the meter.

Thanks to those who went into their libraries to get out Solid State Design and look up the circuit I was having trouble with on page 153, Fig. #31. I left it for awhile and came back to look at the wire up again, and discovered that (given the unmarked case) I was running the input into the outgo, and vice versa.

Do I feel dumber than I did before? Not at all!. What I feel is simply a continuation of an ongoing emotion....I have never been very sharp...

Here's what it does when it works. It gives you a null when your tuner matches the antenna line and antenna. That's all. I still have no idea if I am reading SWR or what, however, so comments are welcomed sincerely. But it works fine, and I'm glad I built it.

If this is an SWR meter, it is the simplest and cheapest one I ever saw.

And, when you tune up on the air running 5 watts, the bridge's absorptive qualities attenuate the signal so only those listening for half a milliwatt or less can hear you.  
Sorta like cheating.

However, please tell me what my needle null is indicating.

Thanks and 73

Al, WB4JJJ  
Alan A. Wheeler  
Fairfax, Virginia

-----  
Date: Mon, 16 Aug 1999 18:17:38 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [47635] Feedline Measurements- Computer Ribbon line.

Message-ID: <37B855C1.3CF0@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Friends, I was asked by a ham to measure some computer ribbon cable. This multistrand cable came in a large 12 inch diameter spool and with 20+ lines. Lots of wire!

Of interest are two separate applications. One is as a parallel transmission line. The other is using single strands for antennas.

I decided to measure velocity factor and  $Z_0$ . I then verified my  $Z_0$  measurement by measuring a known commercial 300 Ohm twinlead. I had good correlation so I believe these measurements deserve to be posted.

Bottom line: Don't use computer ribbon line for a transmission line. The impedance varied from 100 Ohms to 2 KOhms depending on the test frequency! Very unpredictable unless you measure it for single band use only and know what you have. And the impedance wasn't linear. As I varied the frequency, the capacitance varied up and down wildly.

Using a single wire for an antenna made from this stuff is OK. The velocity factor measured on 40 Meters was .687 .

Here's my data:

COMPUTER RIBBON CABLE (2 wires tested).

Test Freq	Inductance	Capacitance	$Z_0 = \sqrt{L/C}$
7.03 MHz	21 uH	17 pF	1100 OHMS
3.5 MHz	29	2530	100
1.4 MHz	25	505	222

Verification test cable; RadioShack 300 Ohm twinlead.

Test Freq	Inductance	Capacitance	$Z_0 = \sqrt{L/C}$
7.03 MHz	19.3 uH	103 pF	433 OHMS
2.1 MHz	17.0	200	292

NOTE: The 300 Ohm commercial twinlead was pretty much tested from 1.4 MHz thru 10 MHz and the impedance changed only mildly through and was basically at 300 Ohms.

Velocity factor for the ribbon cable was .687 which was

48 feet 3-1/4 inches at 7 MHz.

Test method (Vf):

Adjust length of twinlead with far end shorted until Autek RF-1 measures lowest impedance 1/2 wave away at the test frequency. I doublechecked this against the antenna scope with GDO (On my webpage), and the antennascopes and autetek tracked the resistance of a potentiometer varied at the far end as well.

I physically measured the 1/2 wave cable and computer velocity factor from:

$Vf = (\text{Physical Length} * \text{Frequency (MHz)}) / 492$

$Vf = (48.271 * 7 \text{ MHz}) / 492$

$Vf = .68678252$

Test Method for Characteristic Impedance (Zo):

Connect Autek RF-1 across open TX line and record Capacitance at different frequencies.

Connect RF-1 at each end of one wire of the TX line.

Measure Inductance and record at frequencies. (Actually, I recorded Inductance when I measured capacitance, keeping the frequency unchanged...)

Calculate impedance:

$Zo = \text{SQRT}(L/C)$

I hope this is useful. 72/Ed we6w

--

-Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

-----  
Date: Mon, 16 Aug 1999 14:31:09 -0400  
From: Ken Newman <N2CQ@citnet.com>  
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu  
Subject: [47636] TAC Award Received  
Message-ID: <3.0.6.32.19990816143109.007cf470@mail.citnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Thanks very much to the Eastern Pennsylvania QRP Club for the TACTical QRP Contest FUN and the handsome plaque for the overall award received with it.



It will be in a prominent location in the shack to be sure!

72 de

Ken Newman - N2CQ  
Woodbury, NJ  
N2CQ@ARRL.NET

~~~ QRP CONTEST CALENDAR ~~~  
<http://www.kpsnet.com/wb3aal/Pages/Contest.htm>

Eastern PA QRP Club Member #9

-----  
Date: 16 Aug 1999 12:49:40 EDT  
From: Lamborn@onlinecol.com  
To: qrp-l@lehigh.edu  
Subject: [47637] 20/40 qrp rig wanted  
Message-ID: <199908161846.0AA52288@nss4.cc.lehigh.edu>

Jim Renfrow, WA0ALX, is going on an eight day wilderness rafting trip in Alaska starting on August 23rd. He would like to borrow, rent, buy a 20 or 40 meter rig small enough to take along and use for an emergency radio. He has an electronic keyer. Since I have not built my kits yet I offered to post his request on QRP-L. If you can help him get a rig in time please e-mail him direct at Renfrowjim@hotmail.com.

Thanks,

Steve Schroder KI0KY Hotchkiss, CO QRP-L No. 1303

to: in:qrp-l@lehigh.edu  
cc: in:renfrowjim@hotmail.com

-----  
Date: Mon, 16 Aug 1999 14:43:09 -0400  
From: Joseph Mikuckis <k3chp@erols.com>  
To: qrp-l@Lehigh.EDU  
Subject: [47638] Question Re Dial Cords  
Message-ID: <37B85BBD.5796@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

What material is suitable to dress dial cords? I am in the process of restoring Gonset Communicator III back to life. Will run QRP, of course!

I notice six meter openings again. Few days ago I worked Maine and Illinois about 9 am with 5 watts, SSB, and a "Q-Stick" vertical. Received S9 plus from both stations. Rig used was PC-9000.

73 de Joe, K3CHP  
Riverdale, MD

-----  
Date: 16 Aug 1999 12:53:12 EDT  
From: Lamborn@onlinecol.com  
To: QRP-L@lehigh.edu  
Subject: [47639] 20/40 qrp rig wanted  
Message-ID: <199908161850.0AA36166@nss4.cc.lehigh.edu>

Jim Renfrow, WA0ALX, is going on an eight day wilderness rafting trip in Alaska starting on August 23rd. He would like to borrow, rent, buy a 20 or 40 meter rig small enough to take along and use for an emergency radio. He has an electronic keyer. Since I have not built my kits yet I offered to post his request on QRP-L. If you can help him get a rig in time please e-mail him direct at Renfrowjim@hotmail.com.

Thanks,

Steve Schroder KI0KY Hotchkiss, CO QRP-L No. 1303

If this is a second posting please excuse my mistake.

to: in:QRP-L@lehigh.edu  
cc: IN:Renfrowjim@hotmail.com

-----  
Date: Mon, 16 Aug 1999 14:55:41 -0700  
From: Robert P Engelman <rengelwb8uoj@juno.com>  
To: qrp-l@lehigh.EDU  
Subject: [47640] QRP RIG  
Message-ID: <19990816.145746.-249007.4.rengelwb8uoj@juno.com>  
MIME-Version: 1.0

Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello to all

I tried to get on last night to check out the "new" rig, and caused enough TVI on the upstairs TV that I was risking life and limb if I remained on the air. So to keep the YIN and YANG in it's peaceful existence, not to mention lumps on my big head, I quit.

I'm going to try this evening (Tuesday am) to get on the air again. If there's any night owls out there I'll be on from about 1 to 2 am EST at about 7040 / +. Will try QRP rig, then the 830s QRO to QRP to see if I can set up the QRP rig.

Thanks to all for the help

Bob WB8UOJ

-----  
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-----  
Date: Mon, 16 Aug 1999 15:31:09 -0400  
From: "Mike Yettsko" <myetsko@insydesw.com>  
To: <k3chp@erols.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [47641] Re: Question Re Dial Cords  
Message-ID: <002601bee81d\$f9a52d40\$9001a8c0@mikey.wn.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>What material is suitable to dress dial cords? I am in the process of  
>restoring Gonset Communicator III back to life. Will run QRP, of  
>course!  
>  
>73 de Joe, K3CHP  
>Riverdale, MD

Someone once told me that was 'flax' or something? I probably got it wrong though.

What I used to use was my dad (ok, years ago) had this bait casting setup, and he had this 'cord' (I say cord only because I had a spinning reel and used to troll for pickeral and NO WAY would I call what he had as 'line') that was awful similar to dial cord on his one reel.

He didn't fish anymore, so I used that stuff for EVERYTHING. I even used it to repair a set of hiking boots that had ripped out a seam on a fence. Used needle nose pliers to get the needle through.... Hey, that was pretty appropriate!

Mike Yetzko  
N1DVJ

-----  
Date: Mon, 16 Aug 1999 14:46:56 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: notajock@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [47642] Re: WW2 aircraft Radios  
Message-ID: <37B86AB0.3B77EFDB@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Don't let that connector stop you. We used to just solder a wire into each receptacle pin and then put on whatever connector we wanted to use on the ends of the wires. Strain relieve at the chassis to prevent breaking the "extension" wires off at the chassis connector

Should make a very good antenna tuner.

I wonder: would ham radio have survived post-war without the Command sets?

72/73, George            AMA 98452            R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

notajock@juno.com wrote:

>

> As I recall, part of the problem is the milspec plug on the back of the  
> unit

-----

Date: Mon, 16 Aug 1999 11:53:10 -0800

From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>

To: Lamborn@onlinecol.com, Renfrowjim@hotmail.com, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>

Subject: [47643] Alaska Trip (Long) - Suggest 75 mtrs Re: 20/40 qrp rig wanted

Message-ID: <37B86C26.27DDE96F@pobox.alaska.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

If someone has a Small Wonder Labs White Mountain 80 mtr rig, there is a 6:00 PM (3.920) and a 9:00 PM (3.933) SSB net available. A simple dipole strung 4-5 feet off the ground (or higher) would give NVIS signals that would make it to someone in the net almost for sure. Of course CW would be even better on those frequencies for emergency use and as KL7H reports, the net controls will take CW checkins and QRP on a priority basis. Bruce has checked in several times with his Pixie from Fairbanks. He says if he can copy someone on SSB, he can usually reach them on CW.

40 mtrs has limited utility in Alaska unless you are just wanting to play and see if you can work the lower 48. There is supposed to be a Bush net on 7.093 LSB but I have never checked in to see if it is active. Many QRP rigs don't reach up to 7.093. And 20 meters often doesn't open, especially if only using a dipole. If I had to choose just one rig, it would be a CW rig that could get me into the 75 meter nets for emergencies. SSB would be fun but not mandatory for emergency use. A lightweight dipole could be built using that tiny coax and it would fit into a ziplock bag.

I have posted this to QRP-L instead of only direct in case someone has a rig solution that handles both SSB and CW up at the 3.920-3.933 range (or even just CW up at the high end). NVIS info was sent direct.

>From URL <http://www.servcom.com/worcester/nets.htm>

AK Pacific Net

M-F

14292 USB

8:30 am AK stations hang around starting about 8 am

Bush Net  
Daily  
7093 LSB (Note the two sources list different freq.)  
8:00 pm

Snipers Net  
Daily  
3920 LSB  
7:00 pm ( I would swear this is supposed to be 6:00 PM local time)

Motley Net  
Daily  
3933 LSB  
9:00 pm

Swap Net  
Sat  
3922 LSB  
10:00 am

>From <http://kl7aa.akconnect.com/>  
Traffic Nets in Southcentral Alaska

The following nets are currently active in Southcentral Alaska:

Alaska Sniper's Net 3.920 Mhz 0300 UTC daily

Alaska Bush Net 7.087 Mhz 0500 UTC daily (Note the two sources list different freq.)

Alaska Motley Net 3.933 Mhz 0600 UTC daily (Thought this was to be 9PM local)

Alaska Pacific Traffic Net 14.292 Mhz 1900 UTC daily

Summary: I am NOT SURE what time the evening nets meet but they are there on the hour, at some time in the evening. :-) Also, the Motley net is a good place to listen in the winter to see if you can hear Alaska on 75 mtrs.

-

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>  
Anchorage, Alaska  
<mailto:al7fs@qsl.net>  
ICQ 11022915

Lamborn@onlinecol.com wrote:

>

> Jim Renfrow, WA0ALX, is going on an eight day wilderness rafting trip in  
> Alaska starting on August 23rd. He would like to borrow, rent, buy a 20  
> or 40 meter rig small enough to take along and use for an emergency  
> radio. He has an electronic keyer.

If you can help him get a rig  
> in time please e-mail him direct at Renfrowjim@hotmail.com.

-

-----  
Date: Mon, 16 Aug 1999 15:01:47 -0500  
From: guillotstutoring@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [47644] Re: Question Re Dial Cords  
Message-ID: <19990816.150148.-893555.0.guillotstutoring@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

If it is flax (linen thread) then bees wax can be rubbed on it. This is  
done by sewers of leather to lubricate the thread. It can be found at  
leather shops (Tandy Leather Shops..not related to Radio Shack Tandy) or  
hobby shops.

What material is suitable to dress dial cords? I am in the process  
>of

>>restoring Gonset Communicator III back to life. Will run QRP, of  
>>course!

>>

>>73 de Joe, K3CHP

>>Riverdale, MD

>

>

>Someone once told me that was 'flax' or something? I probably got  
>it wrong though.

>Mike Yetsko

>N1DVJ

>

>

Ed Guillot, N5ED, New Orleans, LA  
qrp-l#1951, qrparci#3988, ARRL(life)

-----  
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-----  
Date: Mon, 16 Aug 1999 13:27:42 -0700  
From: "Cam Hartford" <camqrp@cyberg8t.com>  
To: <w0av@juno.com>, <qrp-1@lehigh.edu>  
Subject: [47645] Command Set Stuff  
Message-ID: <000e01bee825\$e2998b20\$5f47cbd1@Camqrp>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

George et al,

My very earliest, foggiest memories of Ham Radio were of my Dad sitting in front of his Hallicrafters HT-9 with a rack of 3 Command set ARC-5s on a shelf above. He used these things for VFOs. Just ran a little piece of coax from the antenna terminal down to the crystal socket in the transmitter.

Later, when I got my General ticket, I used the ARC-5s for VFOs with my Harvey-Wells Bandmaster. You remember those, the tall skinny ones? Anyway, those ARC-5s taught me about RF burns. I also learned lots about TVI. What a mess! After filtering and shielding the transmitter, I discovered that the ARC-5 vfo was the big culprit. I ended up with copper window screen inside the louveres in the back of the box, bypass capacitors on all the power leads, and had to put a low-pass filter between the VFO and the transmitter!

The ARC-5 -- HT-9 combination was The Lash-Up From Hell when it came to band changes. The 3-radio rack had 3 side-by-side slots, one for each ARC-5. There was a power connector at the back of each slot, so all you had to do was push the unit you wanted to use all the way in to give it power, and slide out the other two just far enough out so they were disconnected. If memory serves, this is the way the band-change drill went in the mid-1950s--

- 1) Slide out ARC-5 / VFO unit currently in use
- 2) Push in desired unit for the new band
- 3) Move coax from old unit to antenna post of new unit



(this is where you learn about RF burns)

- 4) Throw band switch on front of HT-9
- 5) Lift lid of HT-9
- 6) Remove final tank coil in HT-9
- 7) Hunt around for tank coil for proper band, then install it
- 7) Tune up transmitter, opening lid to change taps on final coil as many times as necessary
- 8) Change bandswitch on SX-42 receiver
- 9) Zero beat receiver to transmitter, checking out who you just QRMed in the tune-up process...

Piece of cake. Eat your hearts out, K-2 / LDG Tuner owners!!! No pain, no gain.

Reminiscingly,

Cam N6GA

-----  
Date: Mon, 16 Aug 1999 13:36:26 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-l@lehigh.edu>  
Subject: [47646] Jim Cates Has New Email, NorCal Cap Kits Update  
Message-ID: <01bee827\$02fdab20\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Jim has asked me to post that he cannot access his juno account and that he now can be reached via WA6GER@aol.com. Please note that there is now a 6 in the preamble, and that it is all caps. Jim apologizes to any that have sent email and he has not replied, but it is due to his email server problems. He is not able to access the account at all.

Secondly, we have 60 NorCal Cap kits left, and that is it. If you want one, send Jim a check for \$34 made out to Jim Cates, not Norcal and please include a self-addressed mailing label. It is a huge help to Jim. Jim's address is:

Jim Cates  
3241 Eastwood Rd.  
Sacramento, CA 95821

72, Doug, KI6DS

-----  
Date: Mon, 16 Aug 1999 13:56:19 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [47647] Things that QRPers tell me.  
Message-ID: <01bee829\$caa70840\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

This year I have been very fortunate to have attended a lot of qrp events, and talked to a lot of qrpers. The one thing that I hear over and over is that they wish that the QRP vendors would attend more hamfests across the country.

The only QRP Vendor at Hamcom was Dave Fifield of Red Hot Radio. The only QRP Vendor at Ft. Tuthill was Dave Benson. Both of these guys did land office business and were busy every minute. In fact, Dave Benson sold out everything he brought to Ft. Tuthill in 10 minutes. It reminded me of the NorCal K8FF Paddle line at Pacificon a couple of years ago. There is a huge demand for kits and QRP items at these QRP Forums we are having, and the vendors are missing sales opportunities.

Now I know that the guys can't afford to attend everyone, but maybe they could find someone to handle their kits, say for a small commission?? Maybe some enterprising qrp'er out there could contact 3 or 4 vendors, rent a booth, divide up the cost of the booth among the vendors, and then hawk the wares. Marshall Em of OHR, Dave Benson of SWL, Dave Fifield of Red Hot Radio, Bob Dyer of Wilderness, Eric and Wayne of Elecraft, Bill Kelsey of Kanga, Gary and Brad of Embedded Research, Scott Gregson of Emtech and other Qrp vendors can't afford to do every QRP event in the country, now that we have Ft. Smith, Atlanticon, Dayton, HamCom, Ft. Tuthill and Pacificon. But what if they could find one guy to do a booth cooperatively for them??? Wouldn't it be neat to be able to go to Pacificon, and yes, Wilderness, Red Hot Radio and Elecraft have booths, but right next to them is a QRP Vendor that has OHR kits, Emtech kits, SWL kits, Kanga kits, Embedded Research kits, etc.

We have group buys on the list, why not the above at the QRP forums? One other thing, you need to be able to buy the kit there, NOT take orders. Guys want to spend their money and take it home with them!!

There is still time to get a booth at Pacificon. In fact, we will give you free table space to set up at the NorCal open house on Friday and Saturday from 7 to midnight. That way you can do the activities Friday and Saturday, and tend to the booth Saturday night.

This is something that I want to throw out for the group to think about. I hear all the time, "Where are the qrp vendors??? I would like to buy a kit, but don't know where to go. Is XYZ from XYZ company here today?? How come there aren't more vendors here? etc. etc." I am sure that all of the QRP Forums would be willing to accomodate vendors with tables at the open houses, and will help them get a booth at the event itself if needed.

Dayton does a good job with QRP Vendors. Or QRP Vendors like to do Dayton. Don't know which it is, probably both. But the rest of the QRP events need some help in this area. Are you listening QRP Vendors? Are you listen entrepreneurs???

One final thought. This is meant as constructive criticism. I hear about and see a problem, and I have offered one solution. I am sure that there are others. Please don't take this as a flame against vendors or any of the QRP Forums, what I am trying to do is improve QRP.

72, Doug, KI6DS

-----  
Date: Mon, 16 Aug 1999 13:53:03 -0700  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
To: <camqrp@cyberg8t.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [47648] RE: Command Set Stuff  
Message-ID: <NDBBLJFDGLBGFJBOGNELEEGACAAA.mgipe@reliablemeters.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Cam --

Sounds a lot like my first station. I used an HT-9 transmitter driven by a Meissner Signal Shifter VFO. That is, after I upgraded from novice. For my novice career, I had three crystals which I could plug into the HT-9. When I got tired of a frequency, I would disassemble the crystal, grind it a bit

to raise the frequency, and get back on the air to meet a different group of hams on a new frequency. Fortunately, I upgraded to general before all the crystals died.

I drooled over those ARC-5s at the hamfests -- they were so much more stable than my Meissner.

To change bands, I had to change plug-in coils in the Meissner and in the HT-9. The HT-9 had a power interlock on the cover, so the mercury vapor rectifier HV PA supply was shut off when you grabbed the coils. However, the Meissner had no such extravagant feature. I learned the hard way to remember to power down and jumper the HV (700 volts!) in the VFO before changing coils. The Meissner would probably qualify as a QRP rig today if it had any filtering.

Am I really that old?

Mike K1MG

-----  
Date: Mon, 16 Aug 1999 16:18:55 -0500  
From: "Joe Spencer" <KK5NA@quadj.com>  
To: <ki6ds@dpol.k12.ca.us>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [47649] Re: Things that QRPers tell me.  
Message-ID: <000701bee82c\$f35399e0\$19d132ce@vectra>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Good points Doug,  
Since HAMCOM, My wife Barbara KK5QA and I have decided to attend as many of the smaller HAMFESTS within about 100 miles of the Dallas/Fort Worth area as we can(at least once a month) and put up a QRP table with info, flyers, QRP goodies. The smaller HAMFESTS do not have a QRP table ususally and we thought it would be good to spread the QRP spirit. We have contacted several of the clubs for info flyers, applications etc, and have received a positive response from a few. We already represent QRP-ARCI, G-QRP and FISTS. Most of the tables at these smaller HAMFESTS are inexpensive and it gives us a chance to meet more HAMS, visit old friends, and talk about our favorite subject.

So, any other clubs or vendors wishing to have us display their

information/products please contact us. We are going to be attending the Gainesville Hamfest on the last weekend of August.

72/3 Joe KK5NA

Have water bottle ...will travel.

----- Original Message -----

From: Hendricks, Doug <ki6ds@dpol.k12.ca.us>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Monday, August 16, 1999 15:56

Subject: Things that QRPers tell me.

> This year I have been very fortunate to have attended a lot of qrp events,  
> and talked to a lot of qrpers. The one thing that I hear over and over is  
> that they wish that the QRP vendors would attend more hamfests across the  
> country.

>

> The only QRP Vendor at Hamcom was Dave Fifield of Red Hot Radio. The only  
> QRP Vendor at Ft. Tuthill was Dave Benson. Both of these guys did land  
> office business and were busy every minute. In fact, Dave Benson sold out  
> everything he brought to Ft. Tuthill in 10 minutes. It reminded me of the  
> NorCal K8FF Paddle line at Pacificon a couple of years ago. There is a  
huge

> demand for kits and QRP items at these QRP Forums we are having, and the  
> vendors are missing sales opportunities.

>

> Now I know that the guys can't afford to attend everyone, but maybe they  
> could find someone to handle their kits, say for a small commission??  
> Maybe some enterprising qrp'er out there could contact 3 or 4 vendors, rent  
a  
> booth, divide up the cost of the booth among the vendors, and then hawk  
the

> wares. Marshall Em of OHR, Dave Benson of SWL, Dave Fifield of Red Hot  
> Radio, Bob Dyer of Wilderness, Eric and Wayne of Elecraft, Bill Kelsey of  
> Kanga, Gary and Brad of Embedded Research, Scott Gregson of Emtech and  
other

> Qrp vendors can't afford to do every QRP event in the country, now that we  
> have Ft. Smith, Atlanticon, Dayton, HamCom, Ft. Tuthill and Pacificon.

But

> what if they could find one guy to do a booth cooperatively for them???

> Wouldn't it be neat to be able to go to Pacificon, and yes, Wilderness,  
Red

> Hot Radio and Elecraft have booths, but right next to them is a QRP Vendor  
> that has OHR kits, Emtech kits, SWL kits, Kanga kits, Embedded Research  
> kits, etc.

>

> We have group buys on the list, why not the above at the QRP forums? One  
> other thing, you need to be able to buy the kit there, NOT take orders.

> Guys want to spend their money and take it home with them!!  
>  
> There is still time to get a booth at Pacificon. In fact, we will give  
you  
> free table space to set up at the NorCal open house on Friday and Saturday  
> from 7 to midnight. That way you can do the activities Friday and  
Saturday,  
> and tend to the booth Saturday night.  
>  
> This is something that I want to throw out for the group to think about.  
I  
> hear all the time, "Where are the qrp vendors??? I would like to buy a  
kit,  
> but don't know where to go. Is XYZ from XYZ company here today?? How  
come  
> there aren't more vendors here? etc. etc." I am sure that all of the QRP  
> Forums would be willing to accomodate vendors with tables at the open  
> houses, and will help them get a booth at the event itself if needed.  
>  
> Dayton does a good job with QRP Vendors. Or QRP Vendors like to do  
Dayton.  
> Don't know which it is, probably both. But the rest of the QRP events  
need  
> some help in this area. Are you listening QRP Vendors? Are you listen  
> entrepreneurs???  
>  
> One final thought. This is meant as constructive criticism. I hear about  
> and see a problem, and I have offered one solution. I am sure that there  
> are others. Please don't take this as a flame against vendors or any of  
the  
> QRP Forums, what I am trying to do is improve QRP.  
>  
> 72, Doug, KI6DS  
>  
>

-----  
Date: Mon, 16 Aug 1999 14:28:36 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: mgipe@reliablemeters.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [47650] Re: Command Set Stuff  
Message-ID: <37B88284.7AE00FA@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

"Michael A. Gipe" wrote:  
<snip snip snip>  
Am I really that old?

Yes, Mike, you are that old. But I'm even older.

I remember using a converted 40 meter ARC-5 receiver with a gimmick capacitor between the screen grid and plate(?) of the 1st i.f. stage. It had a pot in the cathode circuit to control the gain. It improved the selectivity many fold. For transmitting I had a homebrew 6AG7 driving a 6L6. I worked my first 50-60 countries with that setup.

My mentor and lifelong friend was Jim Larsen (W7DZL) who eventually became the founder and owner of Larsen Antennas. Jim ran a gazillion watts from a bunch of 813's and pounded the DX to death with tree mounted V-Beams and Lazy H's. He told me that one day (when I could run some power) I would be able to work DX, too. I didn't have the heart to show him a couple dozen QSLs from stations all over the world from my homebrew 15 watt (input) transmitter and army surplus receiver.

I'm reminded of the old country-western song, "I was country, before country was cool." I guess I was "QRP before QRP was cool."

--

=====  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s>  
=====

-----  
Date: Mon, 16 Aug 1999 14:43:07 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-l@lehigh.edu  
Subject: [47651] Hand key for sale on e-bay  
Message-ID: <37B885EB.3EBE10A1@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

For what it's worth, there is a hand key and buzzer combination being offered on e-bay. The seller has it advertised as: "Early Telegraph Key and Pocket-Watch Buzzer." He describes it as "an approximately

turn-of-the-century steel-lever telegraph key...." and so on. The key looks WW-II vintage to me, but what do I know.

I couldn't care less about this item but I know there are some on the list who may feel differently. And, for those who hate e-bay, hit the delete key now and save your flames for something important.

--

=====  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s>  
=====

-----  
Date: Mon, 16 Aug 1999 17:42:33 -0400  
From: "The One and Only!" <mitch96@pobox.com>  
To: TEN TEC LIST <tentec@contesting.com>  
Cc: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [47652] wtb D104  
Message-ID: <37B885C9.89B72D83@pobox.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I think every D-104 came out of the wood work. And Yes i got one.  
Thanks to all for the reply's. You guys are great!!

--

73, mitch ww4ml  
lost in the ethers again..

-----  
Date: Mon, 16 Aug 1999 22:04:45 +0100  
From: "L. Jeffrey Hetherington" <jeff@systems95.com>  
To: QRP-L Mailing List <qrp-l@lehigh.edu>  
Subject: [47653] FOX: Team Looking for 1 more Member  
Message-ID: <37B87CED.C1CA0B6@systems95.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello All!



We are looking for one more member to join our 40m FOX hunt team. Only one minor requirement ... That your name and your callsign suffix start with the letter "J".

If you are interested please contact me.

Thanx.

Jeff - VA3JFF

Blue J's Fox Hunt Team So Far:

VE3JC - John

VA3JFF - Jeff

VE6JWA - Jim

-----  
Date: Mon, 16 Aug 1999 17:36:20 -0400  
From: wd4et@juno.com  
To: ki6ds@dpol.k12.ca.us  
Cc: qrp-1@Lehigh.EDU  
Subject: [47654] Re: Things that QRPers tell me.  
Message-ID: <19990816.180025.-310367.4.wd4et@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The Jacksonville QRP Group will have a booth at the Jacksonville Hamfest the last weekend of October.

The booth is primarily for display purposes but we would be glad to display vendors equipment if any would like us to do so. We aren't there to make money, only to promote qrp. We had a demand for products last year. We had to post a sign saying that the equipment was for display only due to the demand.

Getting kits and qrp magazines into the hands of amateurs is a good way to promote this side of the hobby.

If anyone is interested, please feel free to contact me.

73, Jeff

-----  
Date: Mon, 16 Aug 1999 17:11:08 -0500

From: George F Franklin <w0av@juno.com>  
To: notajock@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [47655] Re: WW2 aircraft Radios  
Message-ID: <19990816.171110.-228981.1.w0av@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Bob,

Thanks for your response. In what sort of condition is the jewel you found?

I am interested in the basic parts, ie. the VFO section, roller inductor and coil forms.

Really don't need tubes. Has the unit been "modified?" Is it the aluminum color or the black crackle finish? I would be interested in either one, but have a sort of thing for the black crackle version.

If you wish to sell, please quote me a price.

72/73 de George/W0AV

-----  
Date: Mon, 16 Aug 1999 15:45:47 PDT  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-1@lehigh.edu  
Subject: [47656] Re: WWVB Clock on Sale  
Message-ID: <19990816224547.19389.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

If you just want to be synchronized and don't want to spend a penny or bother turning on your radio :-( you can download a neat program from NIST which will automatically resynchronize your PC's clock:

<http://www.bldrdoc.gov/timefreq/javaclock.htm>

-----  
Get Free Email and Do More On The Web. Visit <http://www.msn.com>  
-----

Date: Mon, 16 Aug 1999 16:55:31 -0600  
From: Larry East <wlhue@amsat.org>  
To: qrp-l@lehigh.edu  
Subject: [47657] Good life...  
Message-ID: <3.0.3.32.19990816165531.00936b20@axp1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Spent the weekend in a mountain meadow listening to Blue Grass music.  
Temperature in the low 70's. No rain.

Life in the Rockies is good... :-)

-----

Date: Mon, 16 Aug 1999 15:53:58 -0700  
From: Bob Nielsen <nielsen@primenet.com>  
To: qrp-l@lehigh.edu  
Subject: [47658] Re: Command Set Stuff  
Message-ID: <19990816155358.B3171@bob>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

On Mon, Aug 16, 1999 at 01:53:03PM -0700, Michael A. Gipe wrote:

> Cam --  
>  
> Sounds a lot like my first station. I used an HT-9 transmitter driven by a  
> Meissner Signal Shifter VFO. That is, after I upgraded from novice. For my  
> novice career, I had three crystals which I could plug into the HT-9. When  
> I got tired of a frequency, I would disassemble the crystal, grind it a bit  
> to raise the frequency, and get back on the air to meet a different group of  
> hams on a new frequency. Fortunately, I upgraded to general before all the  
> crystals died.  
>  
> I drooled over those ARC-5s at the hamfests -- they were so much more stable  
> than my Meissner.

It was frequently referred to as the "Signal Drifter".

>  
> To change bands, I had to change plug-in coils in the Meissner and in the  
> HT-9. The HT-9 had a power interlock on the cover, so the mercury vapor  
> rectifier HV PA supply was shut off when you grabbed the coils. However,  
> the Meissner had no such extravagant feature. I learned the hard way to  
> remember to power down and jumper the HV (700 volts!) in the VFO before  
> changing coils. The Meissner would probably qualify as a QRP rig today if  
> it had any filtering.

I expect it probably put out a fair amount of power. A friend who lived over a mile away used to contact me by keying his Meissner with the transmitter turned off. The leakage on 40 meters was about S6 at my QTH.

>

> Am I really that old?

You're not alone there.

Bob, W6SWE

--

Bob Nielsen  
Tucson, AZ  
DM42nh

Internet: [nielsen@primenet.com](mailto:nielsen@primenet.com)  
AMPRnet: [w6swe@w6swe.ampr.org](mailto:w6swe@w6swe.ampr.org)  
<http://www.primenet.com/~nielsen>

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End of QRP-L Digest 1550

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